

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035369.D
 Acq On : 28 Apr 2023 06:31
 Operator : JC/MD
 Sample : 02522-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Apr 28 07:16:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

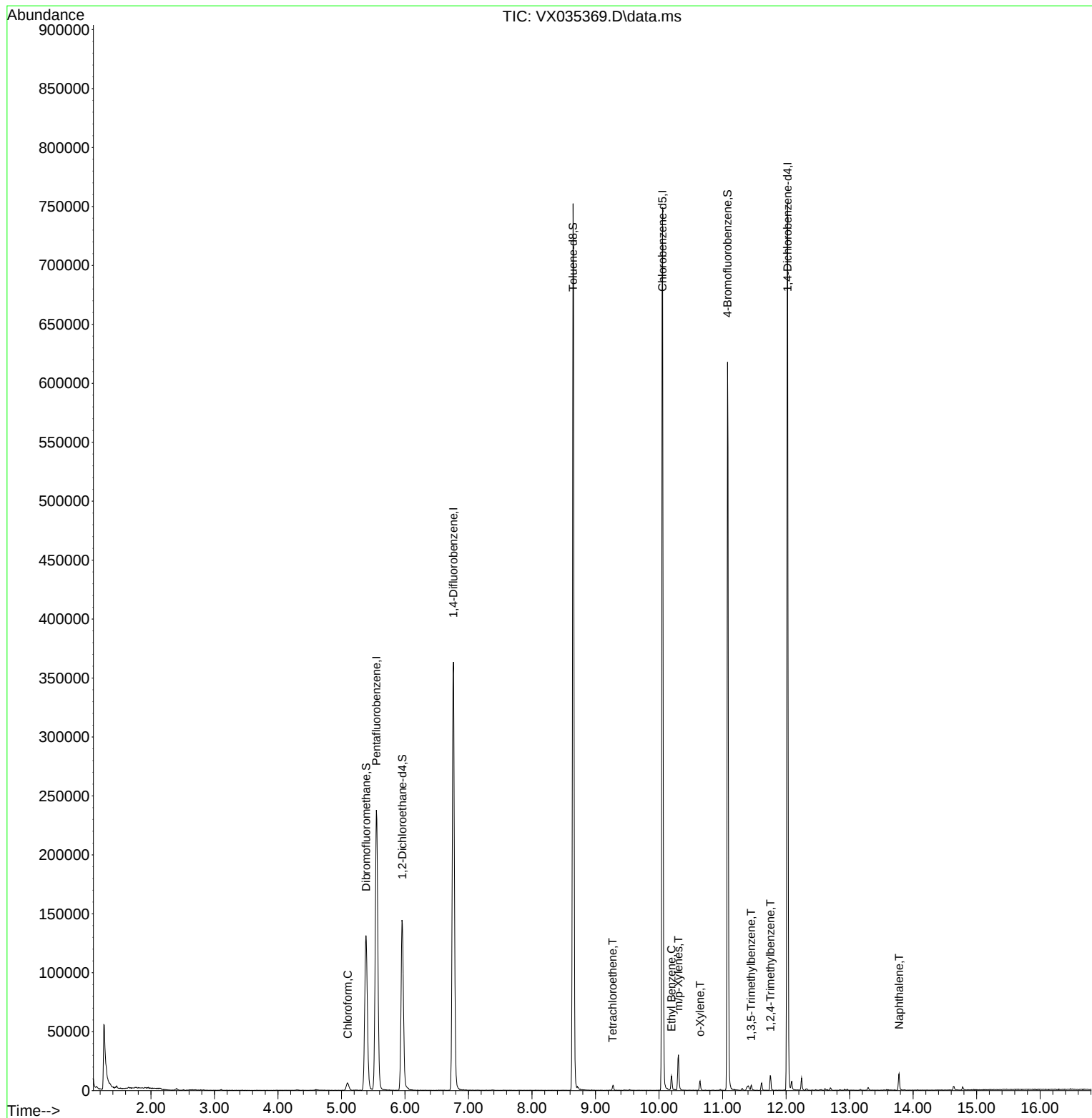
Internal Standards						
1) Pentafluorobenzene	5.550	168	234814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	381779	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139708	49.316	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.640%
35) Dibromofluoromethane	5.385	113	116968	49.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.840%
50) Toluene-d8	8.647	98	448463	50.734	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.460%
62) 4-Bromofluorobenzene	11.079	95	171281	51.509	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.020%
Target Compounds						
					Qvalue	
30) Chloroform	5.099	83	7827	1.733	ug/l	85
64) Tetrachloroethene	9.269	164	821	0.307	ug/l #	77
67) Ethyl Benzene	10.195	91	7940	0.607	ug/l	98
68) m/p-Xylenes	10.305	106	7413	1.480	ug/l	98
69) o-Xylene	10.646	106	1980	0.403	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	2438	0.241	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	6247	0.615	ug/l	99
95) Naphthalene	13.780	128	10154	0.926	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035369.D
Acq On : 28 Apr 2023 06:31
Operator : JC/MD
Sample : 02522-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Quant Time: Apr 28 07:16:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

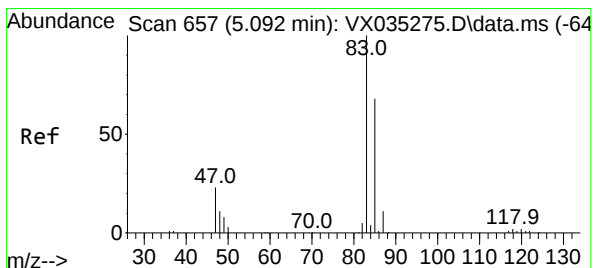
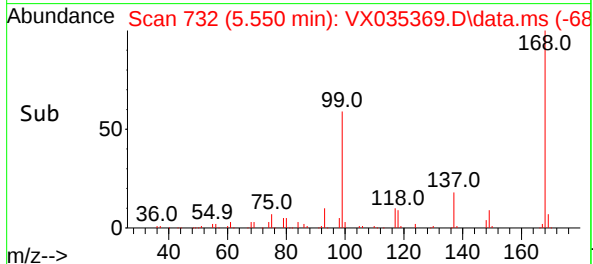
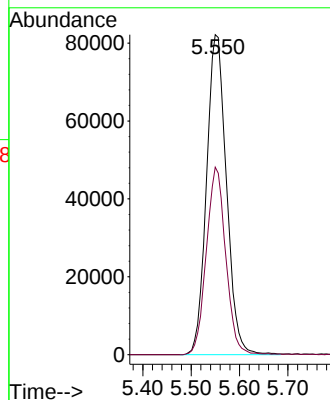
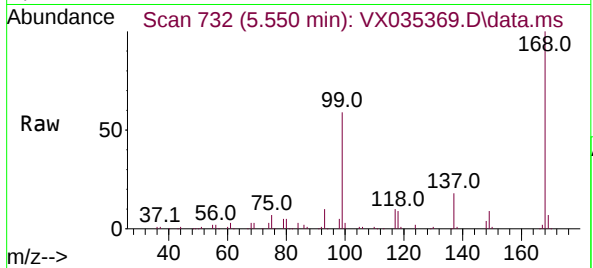




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

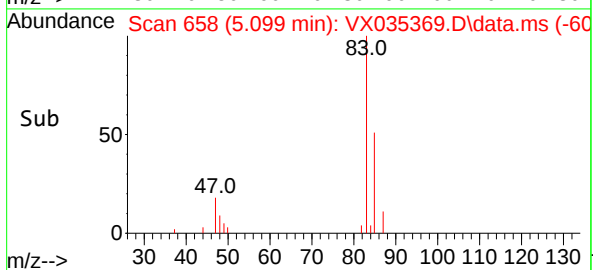
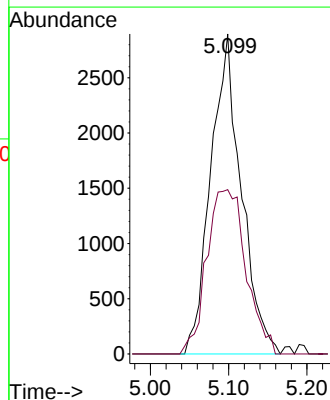
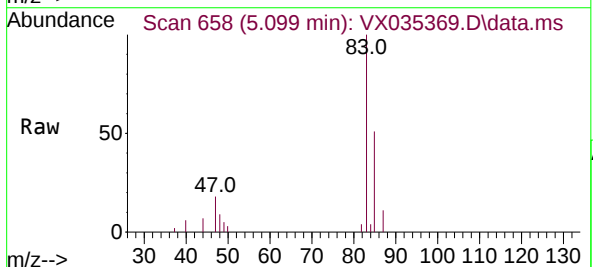
Instrument :
MSVOA_X
ClientSampleId :
MW-7

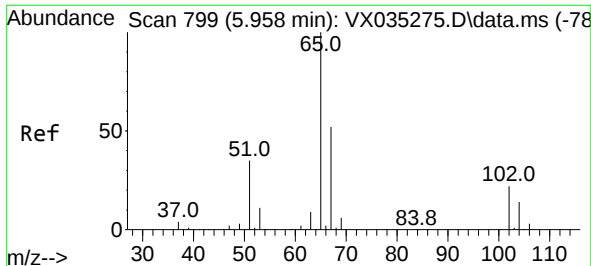
Tgt Ion:168 Resp: 234814
Ion Ratio Lower Upper
168 100
99 58.6 45.7 68.5



#30
Chloroform
Concen: 1.733 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion: 83 Resp: 7827
Ion Ratio Lower Upper
83 100
85 51.3 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 49.316 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035369.D

Acq: 28 Apr 2023 06:31

Instrument :

MSVOA_X

ClientSampleId :

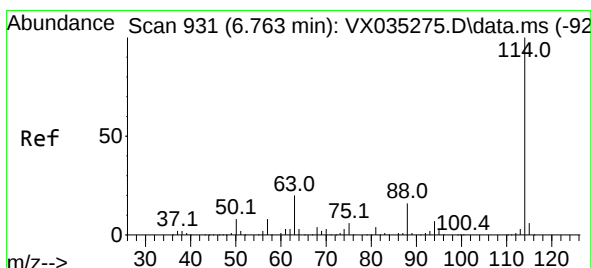
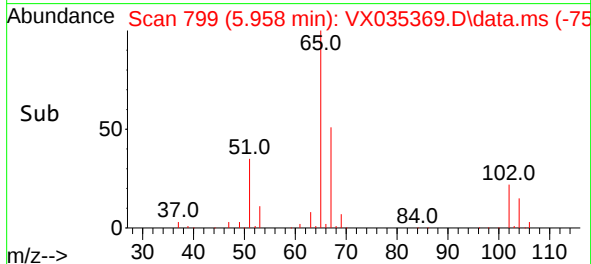
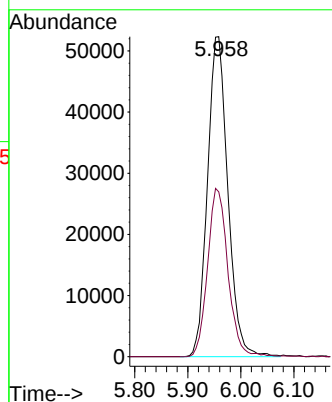
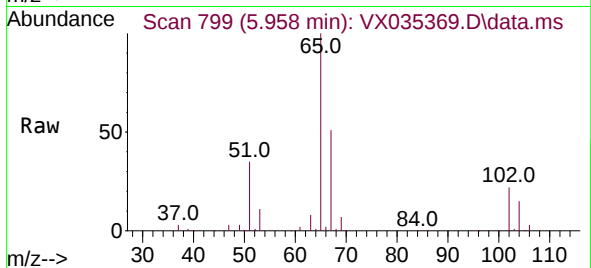
MW-7

Tgt Ion: 65 Resp: 139708

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035369.D

Acq: 28 Apr 2023 06:31

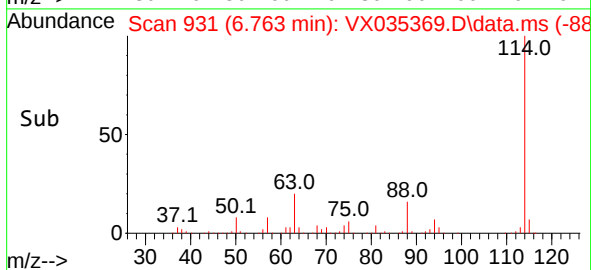
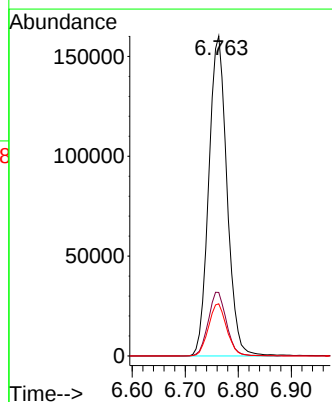
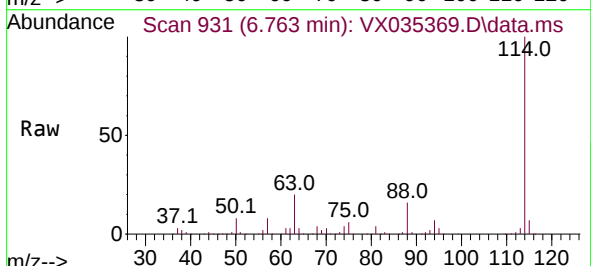
Tgt Ion: 114 Resp: 381779

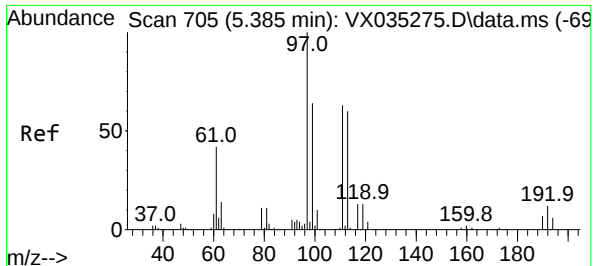
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.2

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.917 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035369.D

Acq: 28 Apr 2023 06:31

Instrument :

MSVOA_X

ClientSampleId :

MW-7

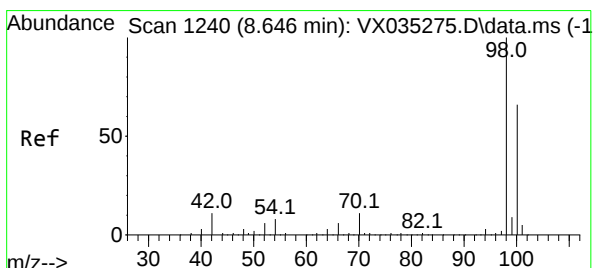
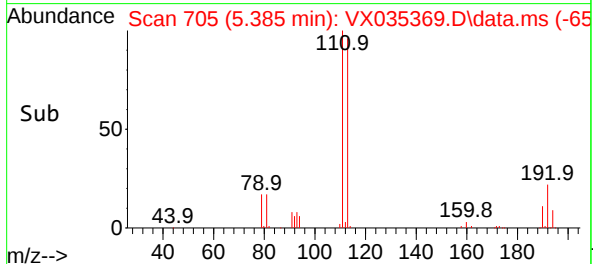
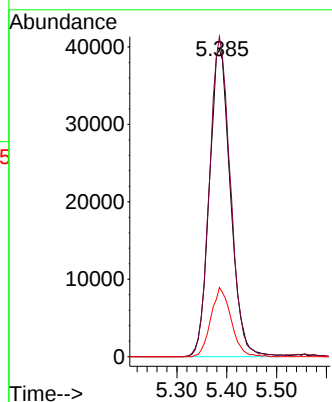
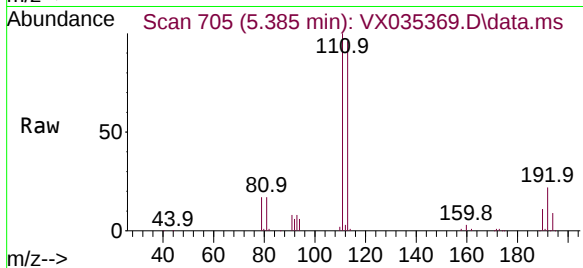
Tgt Ion:113 Resp: 116968

Ion Ratio Lower Upper

113 100

111 102.9 83.7 125.5

192 21.5 15.4 23.2



#50

Toluene-d8

Concen: 50.734 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035369.D

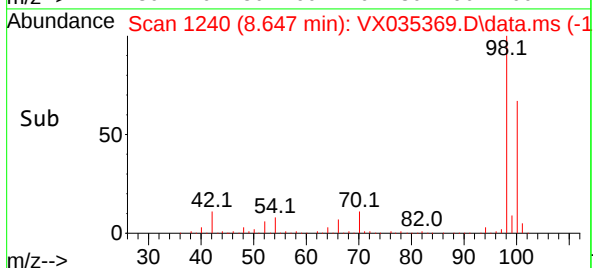
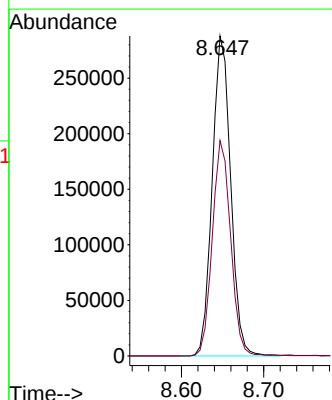
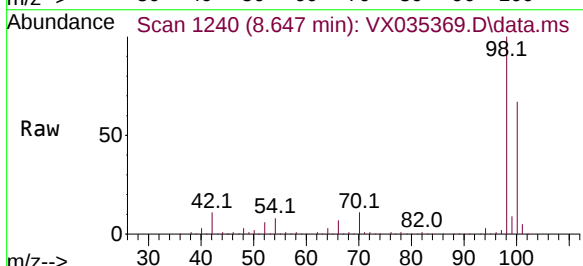
Acq: 28 Apr 2023 06:31

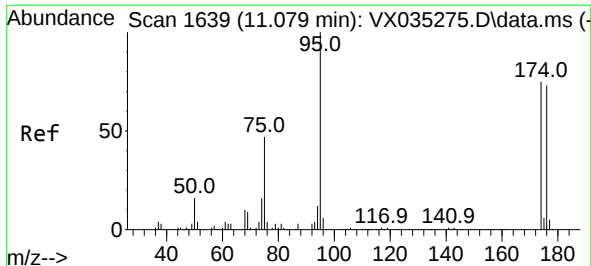
Tgt Ion: 98 Resp: 448463

Ion Ratio Lower Upper

98 100

100 67.2 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 51.509 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035369.D

Acq: 28 Apr 2023 06:31

Instrument :

MSVOA_X

ClientSampleId :

MW-7

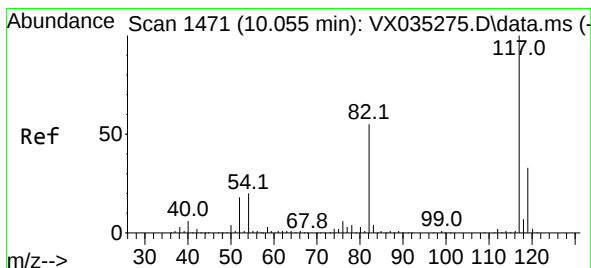
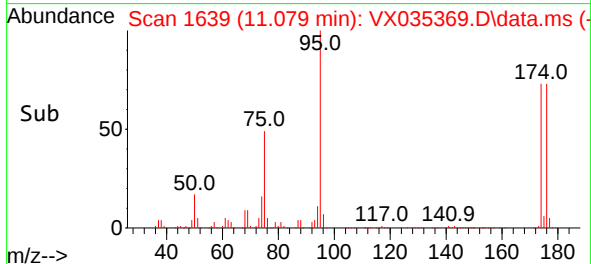
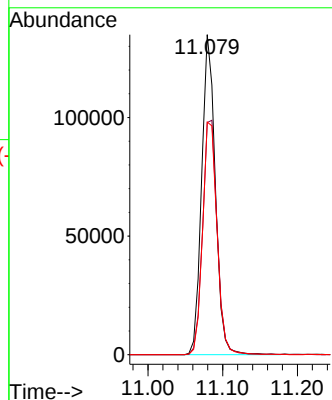
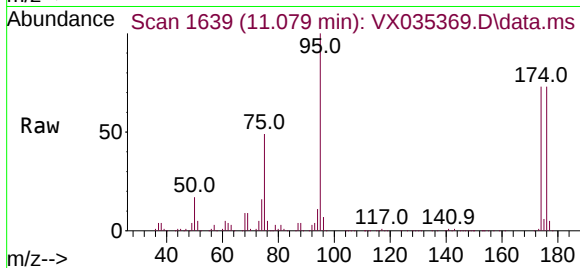
Tgt Ion: 95 Resp: 171281

Ion Ratio Lower Upper

95 100

174 78.1 0.0 147.4

176 76.9 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035369.D

Acq: 28 Apr 2023 06:31

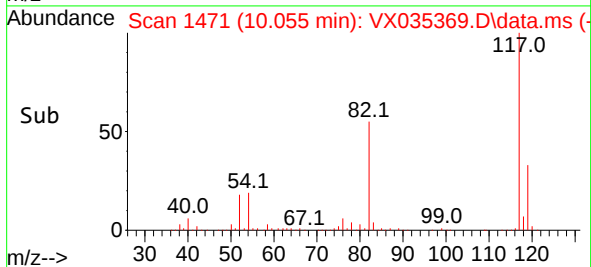
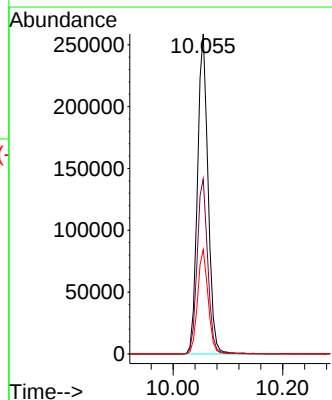
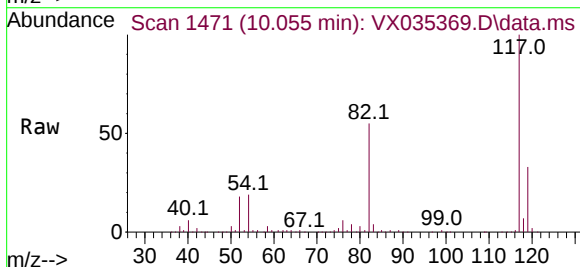
Tgt Ion: 117 Resp: 348966

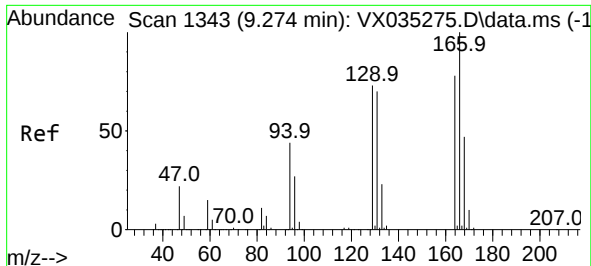
Ion Ratio Lower Upper

117 100

82 54.7 45.0 67.4

119 32.6 26.0 39.0



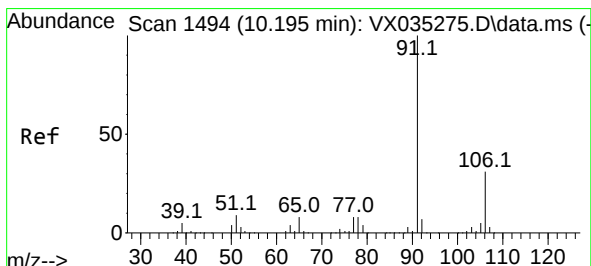
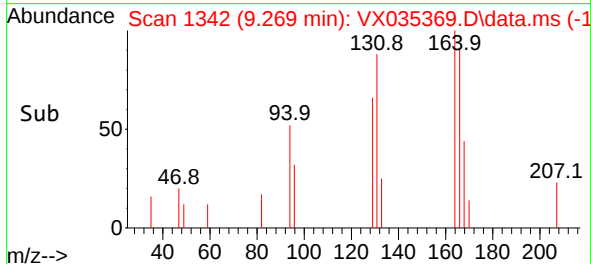
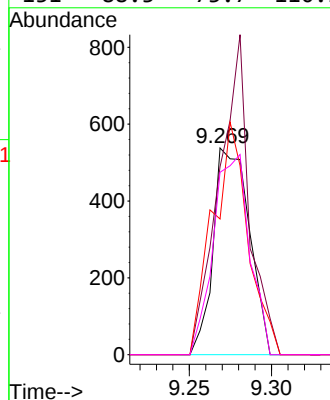
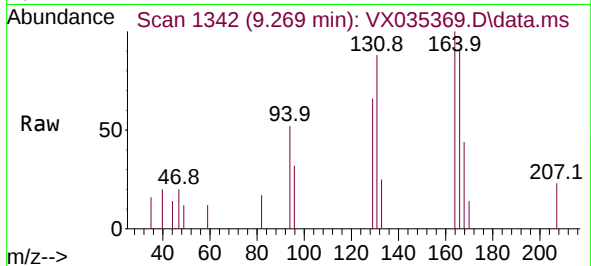


#64
Tetrachloroethene
Concen: 0.307 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.005 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:164 Resp: 821

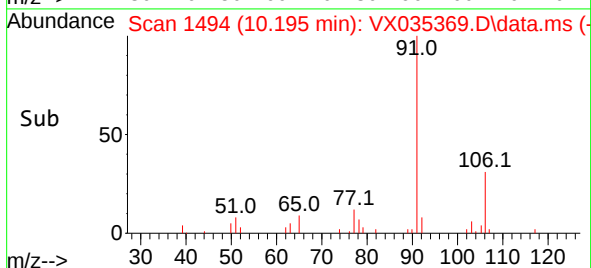
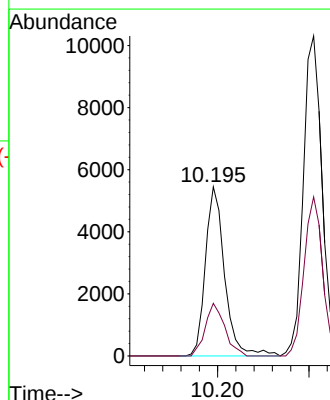
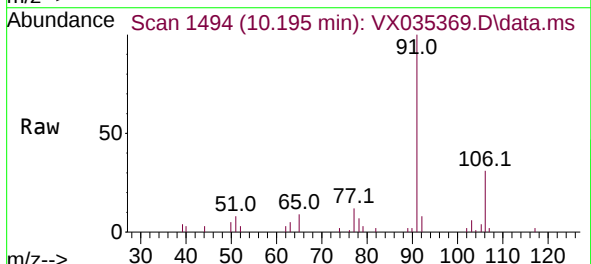
Ion	Ratio	Lower	Upper
164	100		
166	90.9	102.7	154.1#
129	65.6	75.6	113.4#
131	88.3	73.7	110.5

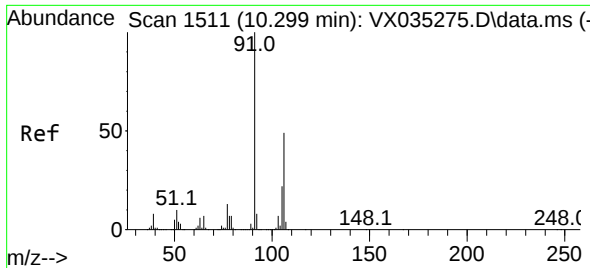


#67
Ethyl Benzene
Concen: 0.607 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion: 91 Resp: 7940

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.6	38.4





#68

m/p-Xylenes

Concen: 1.480 ug/l

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX035369.D

Acq: 28 Apr 2023 06:31

Instrument :

MSVOA_X

ClientSampleId :

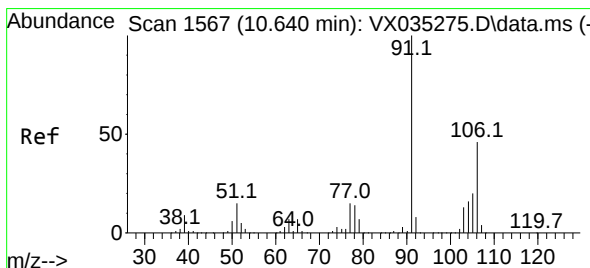
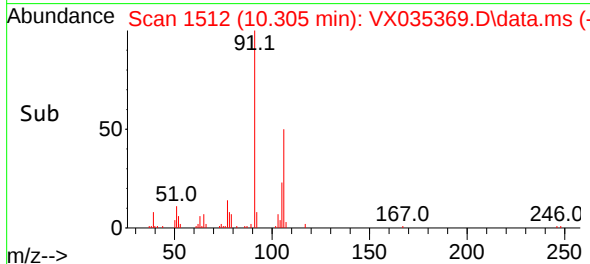
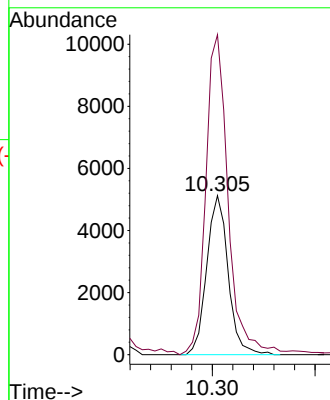
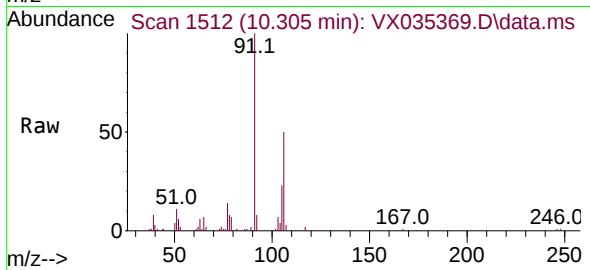
MW-7

Tgt Ion:106 Resp: 7413

Ion Ratio Lower Upper

106 100

91 208.5 164.0 246.0



#69

o-Xylene

Concen: 0.403 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX035369.D

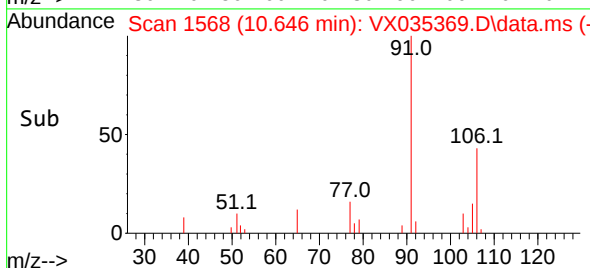
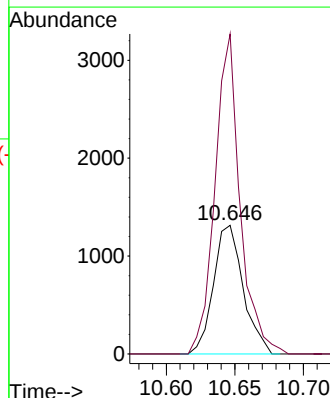
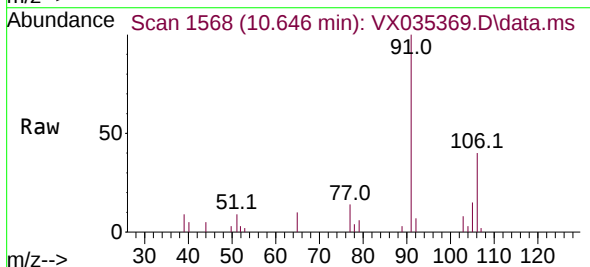
Acq: 28 Apr 2023 06:31

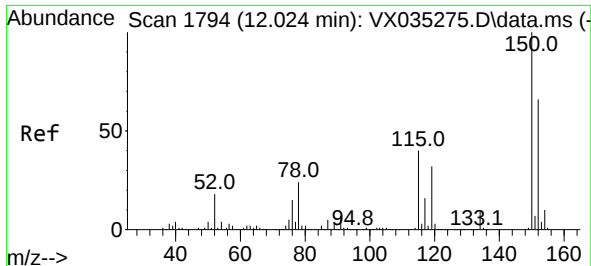
Tgt Ion:106 Resp: 1980

Ion Ratio Lower Upper

106 100

91 210.2 108.5 325.3

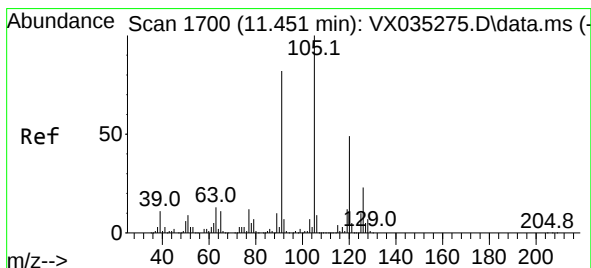
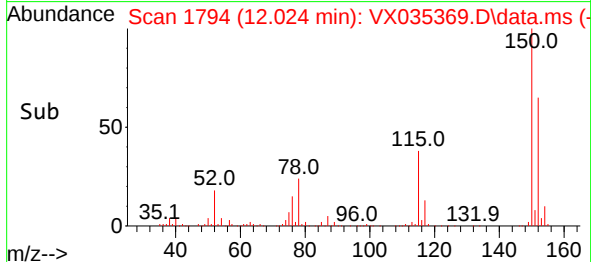
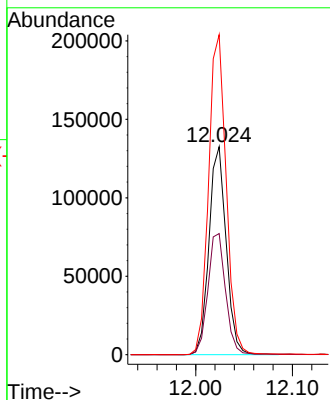
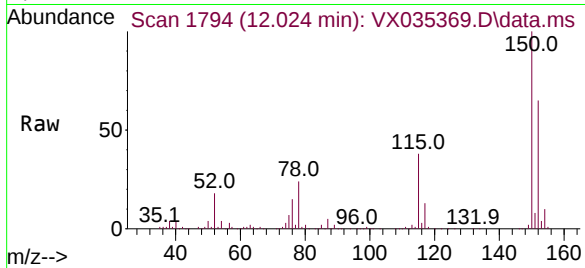




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035369.D
 Acq: 28 Apr 2023 06:31

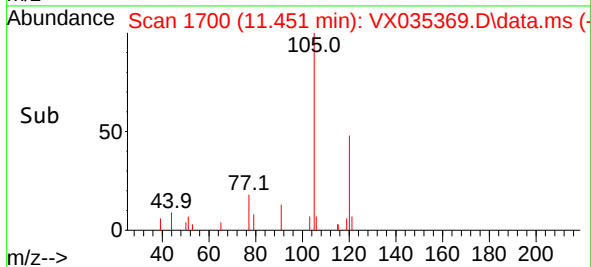
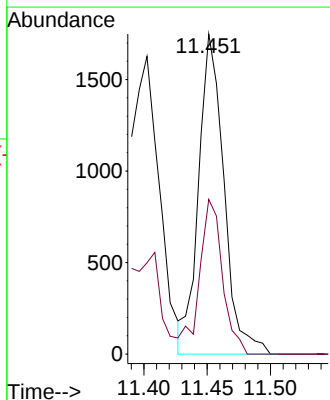
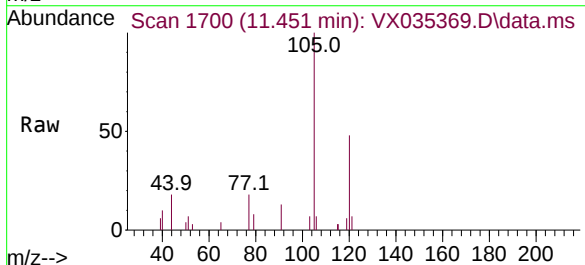
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

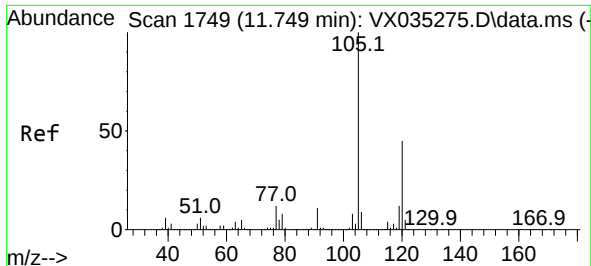
Tgt Ion:152 Resp: 164003
 Ion Ratio Lower Upper
 152 100
 115 60.1 45.0 135.0
 150 157.5 0.0 352.4



#80
 1,3,5-Trimethylbenzene
 Concen: 0.241 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX035369.D
 Acq: 28 Apr 2023 06:31

Tgt Ion:105 Resp: 2438
 Ion Ratio Lower Upper
 105 100
 120 43.7 23.7 71.1

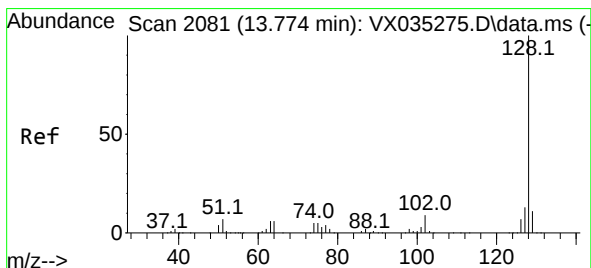
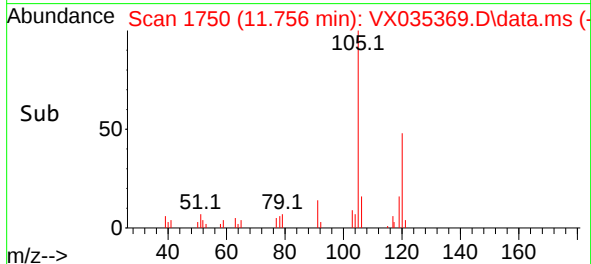
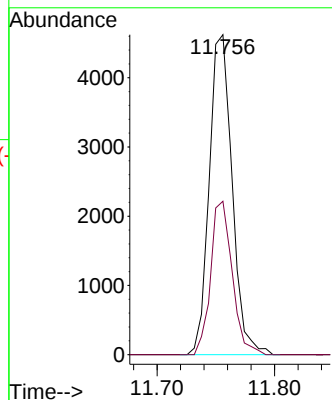
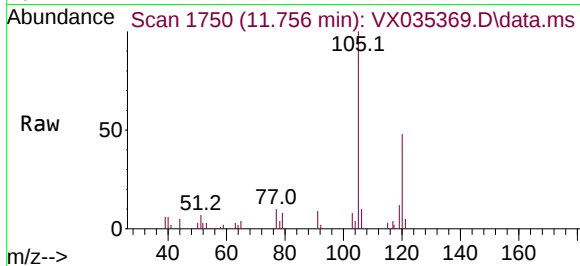




#84
1,2,4-Trimethylbenzene
Concen: 0.615 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:105 Resp: 6247
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.0



#95
Naphthalene
Concen: 0.926 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035369.D
Acq: 28 Apr 2023 06:31

Tgt Ion:128 Resp: 10154
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 11.0 8.6 13.0

